

IAP7 REC'D PCT/PTO 07 FEB 2006

ATTORNEY DOCKET NO. 22000.0128U1  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of )  
Kaminski ) Art Unit: Unassigned  
Application No. 10/521,936 ) Examiner: Unassigned  
International Filing Date: July 24, 2003 ) Confirmation No. 6143  
For: TRANSPOSON-BASED VECTORS )  
AND METHODS OF NUCLEIC ACID )  
INTEGRATION )

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859

Sir:

In response to the Notification of Missing Requirements mailed December 2, 2005 in the above-referenced patent application, enclosed are:

1. an executed Declaration/Power of Attorney (2 pgs);
2. a computer readable form of the Sequence Listing (1 diskette);
3. a paper copy of sequence listing (2pgs) with a preliminary amendment directing its entry into the application (3pgs); and
4. a copy of the Notification of Missing Requirements (2 pgs)

SEARCHED - 1 1/2 1/2 3

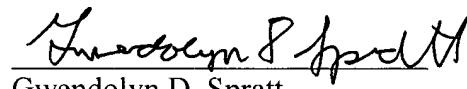
ATTORNEY DOCKET NO. 22000.0128U1  
Application No. 10/521,936

Please be advised that the contents of the paper and the computer readable form of the Sequence Listing submitted herewith in the above-identified patent application are the same and include no new matter, as required by 37 C.F.R. 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

No fee is believed to be due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

  
\_\_\_\_\_  
Gwendolyn D. Spratt  
Registration No. 36,016

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859  
(678) 420-9300  
(678) 420-9301 (fax)

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

  
\_\_\_\_\_  
Gwendolyn D. Spratt

2-2-06

\_\_\_\_\_  
Date

Rec'd PCT/PTO 07 FEB 2006

DEC 08 2005



UNITED STATES PATENT AND TRADEMARK OFFICE

NEEDLE &amp; ROSENBERG

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

|                               |                       |                  |
|-------------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO.   | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/521,936                    | Joseph M Kaminski     | 22000.0128U1     |
| INTERNATIONAL APPLICATION NO. |                       |                  |
| PCT/US03/23090                |                       |                  |
| I.A. FILING DATE              |                       | PRIORITY DATE    |
| 07/24/2003                    |                       | 07/24/2002       |
| CONFIRMATION NO. 6143         |                       |                  |
| 371 FORMALITIES LETTER        |                       |                  |
|                               |                       |                  |
| *OC000000017408213*           |                       |                  |

Date Mailed: 12/02/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/24/2005
- Copy of the International Search Report filed on 01/24/2005
- Copy of IPE Report filed on 01/24/2005
- Information Disclosure Statements filed on 01/24/2005
- Biochemical Sequence Listing filed on 01/24/2005
- Small Entity Statement filed on 01/24/2005
- U.S. Basic National Fees filed on 01/24/2005

605 / JBL / ADM

|                     |                      |
|---------------------|----------------------|
| DOCKETED            | Date 12/05           |
| By [Signature]      | Reviewed [Signature] |
| Name/Date           |                      |
| Scanned [Signature] |                      |

(ss)

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is

identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHRISTINE S WASHINGTON

---

Telephone: (703) 308-9140 EXT 228

**PART 1 - ATTORNEY/APPLICANT COPY**

---

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/521,936                  | PCT/US03/23090                | 22000.0128U1     |